## INTERNATIONAL SEARCH REPORT

nternational Application No T/IB2004/002022

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L25/065 H01L H01L23/48 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) H01L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Category ' Relevant to claim No. X EP 1 225 635 A (ST MICROELECTRONICS SRL) 1,7,8 24 July 2002 (2002-07-24) abstract; figures 1-6 column 2, paragraph 10 - column 4, paragraph 18 claim 1 Y,P US 2003/160316 A1 (HUANG FU-YU ET AL) 1-3,8,928 August 2003 (2003-08-28) abstract; figures 2,3 claims 1,2 & TW 533 561 B (ORIENT SEMICONDUCTOR 1-3,8,9 ELECTRONI) 21 May 2003 (2003-05-21) Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention "E" earlier document but published on or after the International \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another citation or other special reason (as 'specified') "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. \*O\* document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the International search report 28 September 2004 06/10/2004

Authorized officer

Favre, P

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016

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